Samsung microSD Card: Standard Lineup

Data Sheet

From the No. 1 name in memory.

Samsung Memory has been No. 1 since 1992, and no one has produced memory cards with better performance or reliability than the engineers of Samsung memory. With proven experience for 19 consecutive years, Samsung memory delivers the highest level of performance with unmatched style.

Everyday Performance

Samsung's Standard microSD Card lineup is the perfect solution for casual mobile devices users. With solid transfer speeds of up to 24MB/s, they work great to expand the capacity of a tablet computer or cellular phone.

"4-Proof" Protection

Samsung microSD cards can endure 24 hours submerged in water and survive the perils of airport X-ray machines, magnetism and extreme temperatures. So your memories will survive – even if your camera doesn't. Trust Samsung with your precious moments.

Technical Specifications:

Family Line	Standard
Capacity	4GB, 8GB,16GB, 32GB
Dimensions (L x W x H)	15 x 11 x 1 (mm)
Weight	Approx. 0.5g
Operating Voltage	2.7~3.6V
Transfer Speed	Up to 24MB/s
Speed Class	Class 4 (4GB/8GB) Class 6 (16GB/32GB)
Storage Temperature	-40ºC to 85ºC
Operating Temperature	-25ºC to 85ºC
Humidity	40ºC, 93%, 500hr (storage)
Durability	10,000 mating cycles
Device Compatibility	Cellular Phones, Smart Phones, Tablet PCs
EMC Certifications	FCC, CE, VCCI, NATA
Compliancy	Compliant with the SD Card Association card specification
Warranty	5 years limited

Product Lineup

Density	Model Name
4GB	MB-MS4GB
8GB	MB-MS8GB
16GB	MB-MSAGB
32GB	MB-MSBGB